



AVTECH ELECTROSYSTEMS LTD.

NANOSECOND WAVEFORM ELECTRONICS
SINCE 1975

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PERFORMANCE CHECKSHEET

Model: AVM-5-B-PN-AK1-AK8
Type: Ultra-High-Speed Pulse Generator
S.N.: 13484
Date: August 18, 2016

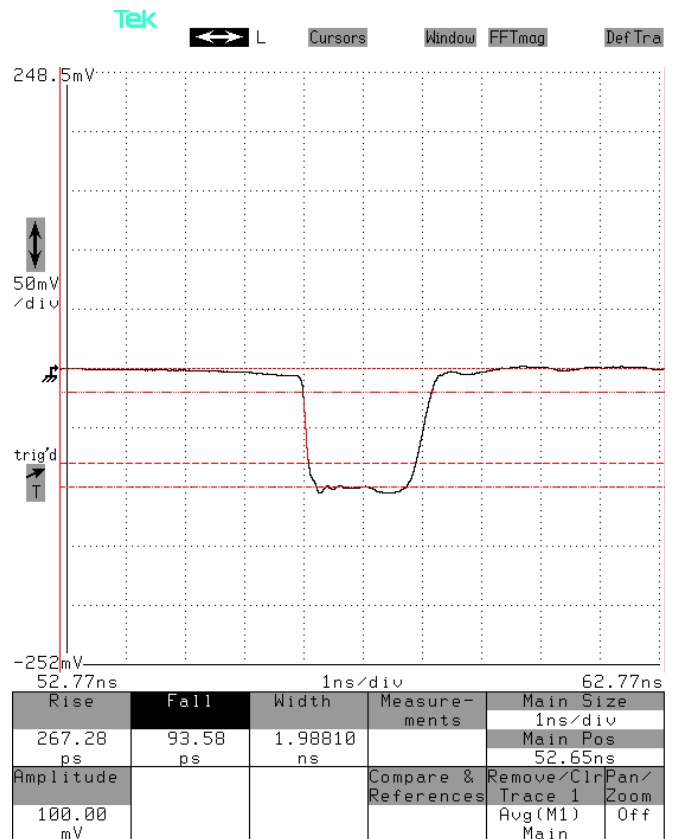
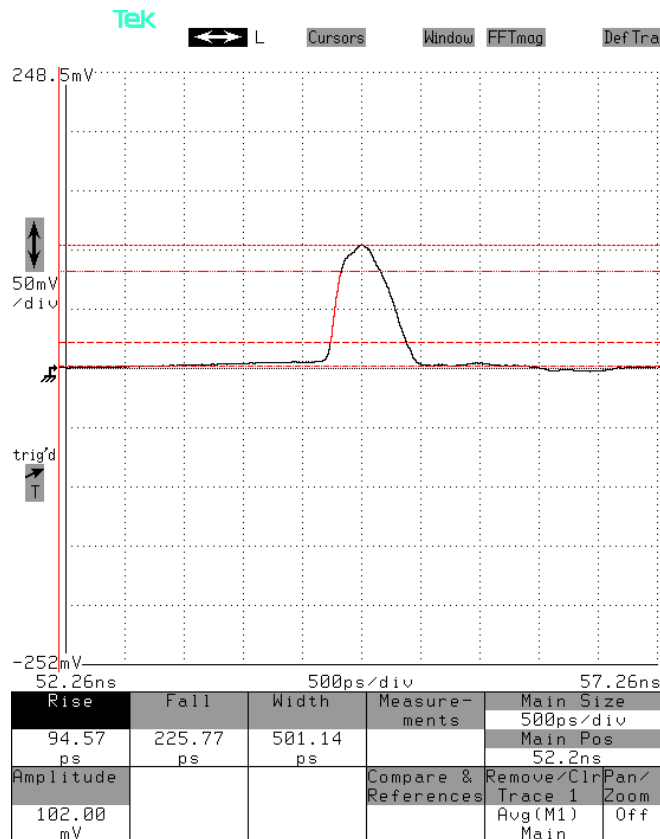
Output Amplitude: up to $\pm 10V$, to 50 Ω
Pulse Width (FWHM): 0.3 to 10 ns
Rise Time (20%-80%): ≤ 120 ps
Fall Time (80%-20%): ≤ 300 ps
PRF: 1 Hz - 10 MHz
Jitter, Stability: OK
Prime Power: 100-240V AC, 50-60 Hz.

Basic specifications: →

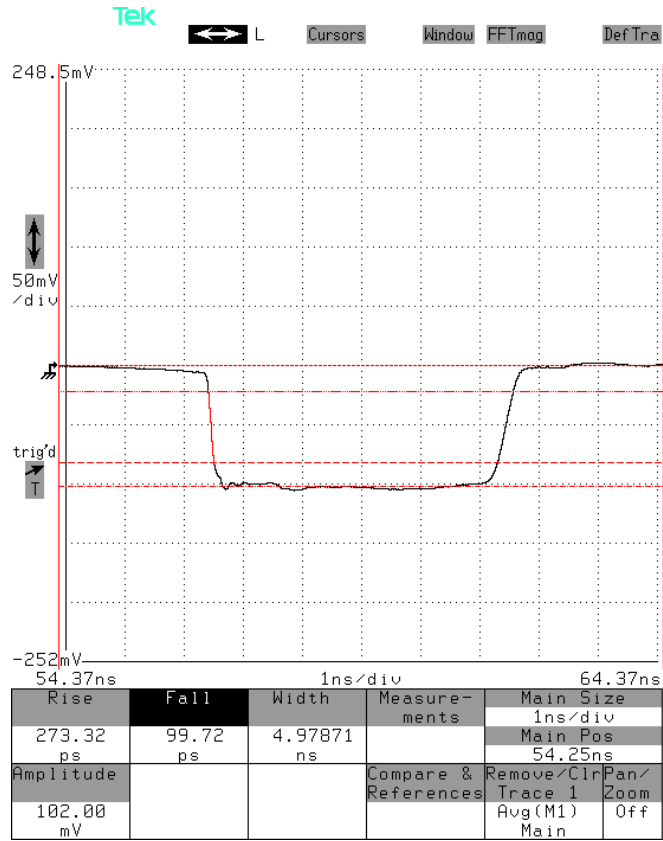
Test Waveforms

100 kHz, 500 ps, +10V.
500 ps/div. 5 V/div (50 mV/div \times 40 dB):

100 kHz, 2 ns, -10V.
1 ns/div. 5 V/div (50 mV/div \times 40 dB):



100 kHz, 5 ns , -10V.
 1 ns/div. 5 V/div (50 mV/div × 40 dB):



100 kHz, 10 ns , +10V.
 2 ns/div. 5 V/div (50 mV/div × 40 dB):

